

THE SALEM
East India Marine Society.

PRESENTED BY

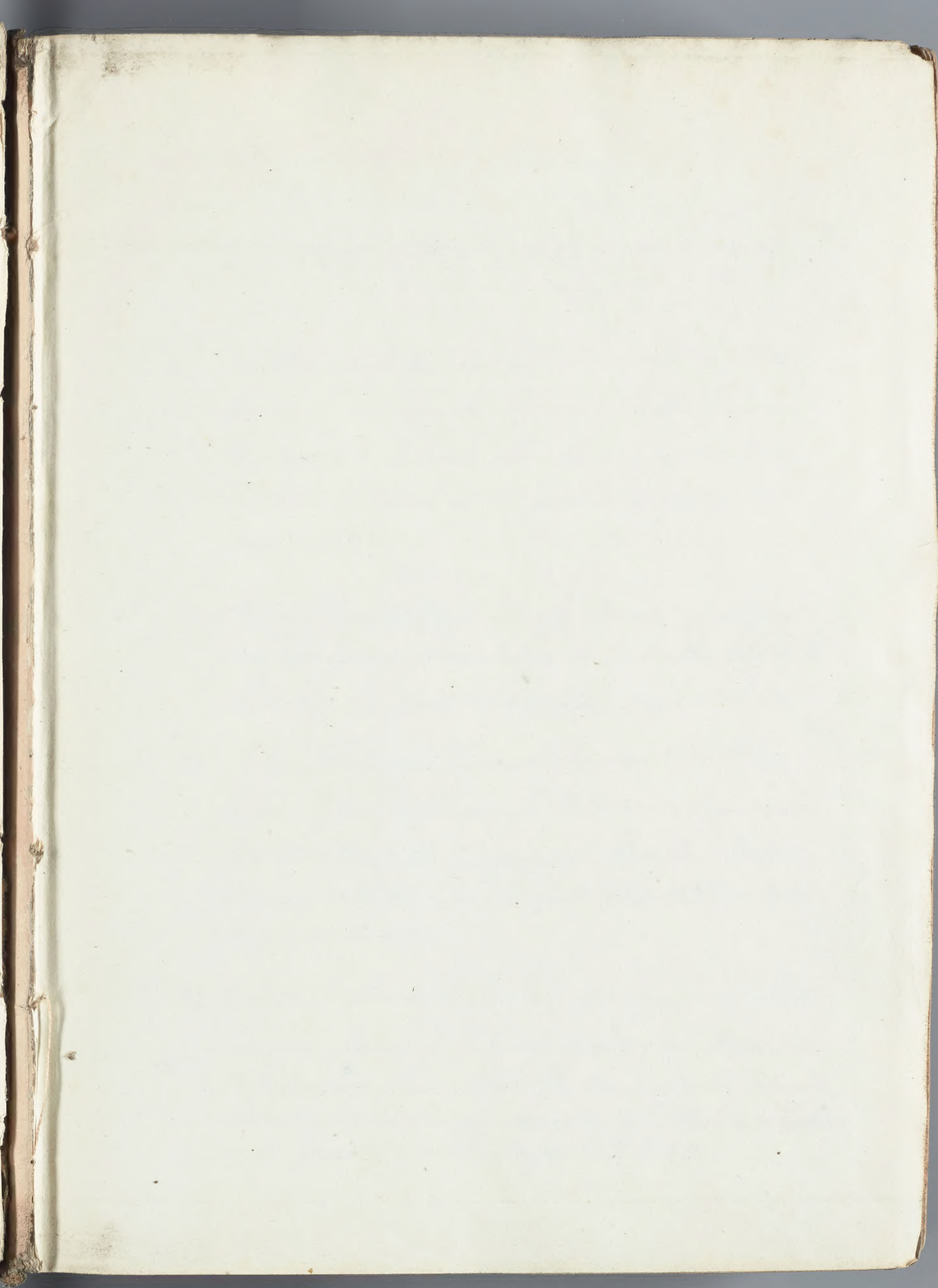
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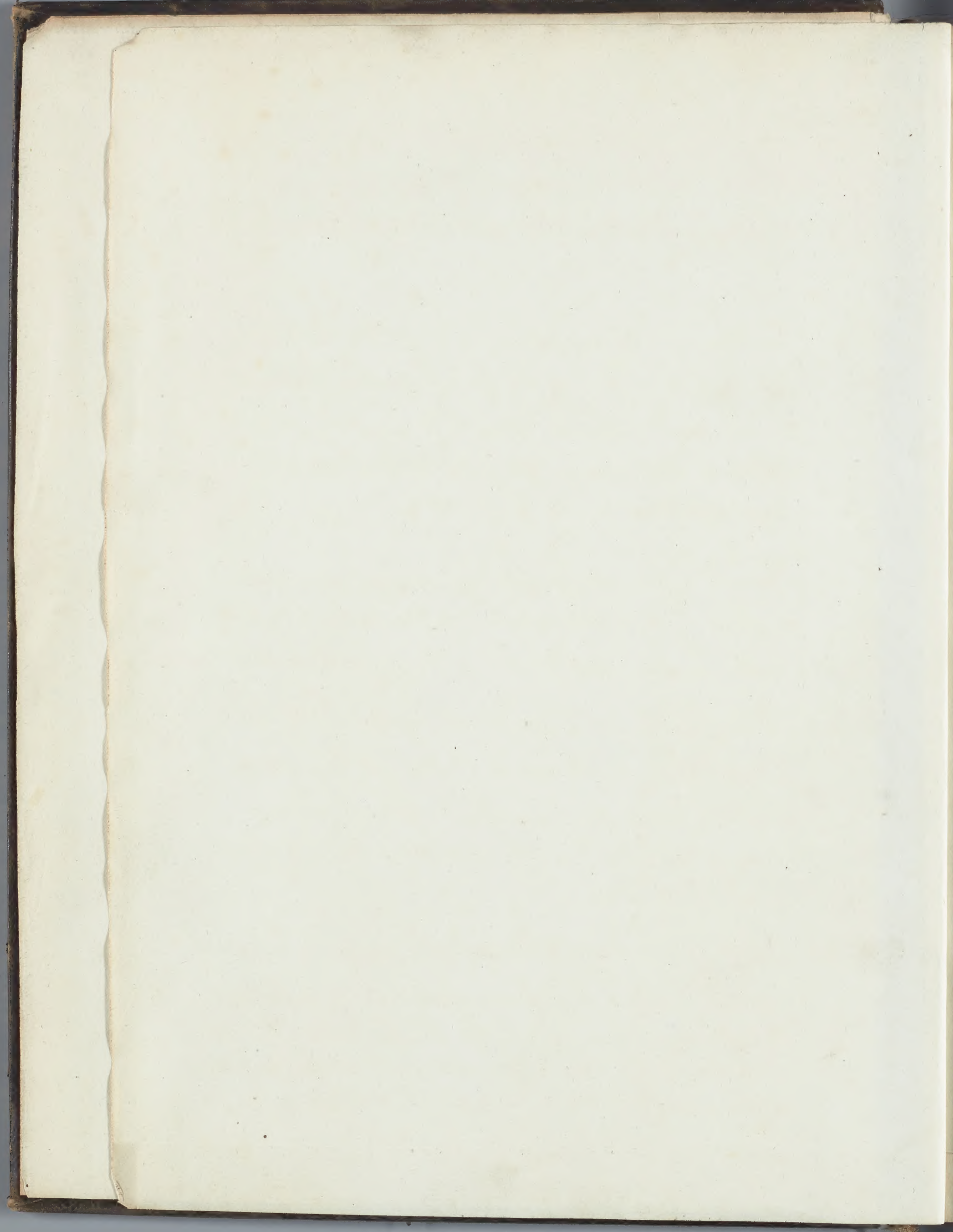


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Salem Marine Society

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Catalogue of the Journals contained in Vol. 10.th

- N^o 81. Jonathan M. Ropes' Journal of a voyage in Brig
Roscoe from Salem to Valparaiso, Callao, Guayaquil,
the Sandwich Islands, Manilla, Singapore, Rhio,
Batavia & Salem, in the years 1825, 1826 & 1827.
pages 1 to 82.
- N^o 82. Samuel Endicott's (of Beverly) Journal of a voyage
in Ship George from Salem to Calcutta & back to
Salem in the years 1826 & 1827. pages 83 to 160.
- N^o 83. John Hotoman's Journal of a voyage in Brig
Laura from Baltimore to Valparaiso, Coquimbo,
Quilka, Chorillos, Guayaquil, Manilla, Pootoo
Penang & Salem, in the years 1824, 1825 & 1826.
pages 161 to 354.
- N^o 84. George T. Saunders Journal of a voyage in Ship
Caroline, James W. Chever, Master, from Monte Video
to Valparaiso, Arica, Chorillos, the Sandwich Islands,
Manilla, Pootoo Penang, Sumatra, St Helena & Salem,
in the years 1825 & 1826. pages 355 to 420.

- N^o 85 Timothy Endicott's Journal of a voyage in Ship
Suffolk from Gibraltar to North West Coast
of Sumatra & back to Gibraltar, in the years
1823 & 1824. pages 421 to 458.
- N^o 86 Timothy Endicott's Journal of a voyage in Ship
Suffolk from Salem to Batavia & Antwerp
in the year 1825. pages 459 to 502.
- N^o 87 Joseph I. Knapp Jun^r's Journal of a voyage in
Brig Phoenix, Alex Hanna, Master, from
Antwerp to North West Coast of Sumatra &
Gibraltar, in the years 1823 & 1824. pages 503 to
546.
- N^o 88 James Barr Jun^r's Journal of a voyage in Brig
Jones, John Dwyer, Master, from New York to
Madagascar & Salem in the year 1827.
pages 547 to 588.
- N^o 89 William H. Neal's Journal of a voyage in Brig
Java from Salem to Batavia, Samarang &
Antwerp in the years 1820 & 1821. pages 589 to
647.

N^o 90 William H Neals Journal of a voyage in Brig
Java from Batavia to Mocha & thence toward
Gibraltar, kept as far as to the Cape of Good
Hope, in the years 1822 & 1823. pages 648 to 685.

East India Marine Society.

At a Meeting of the East India Marine Society, at their Hall, on Wednesday, 17th May 1823, it was unanimously voted, - That in order to promote the study of the history of the East India Marine Society, a Committee should be chosen to prepare a list of the names of the members of the Society, and that each Member should be furnished with a copy of the same, and that a regular list of the names, and of the names of the members, should be kept up, and that the names of the members should be printed in the Society's Magazine.

Resolved, - That the names of the members of the Society should be printed in the Society's Magazine, and that the names of the members should be printed in the Society's Magazine.

RESOLUTIONS.

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17th William H. Hall, Journal of voyage on ship
from San Antonio to Bahia, 1822
Published, left as far as to the Cape of Good Hope
in the year 1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185

18th William H. Hall, Journal of voyage on
ship from San Antonio to Bahia, 1822
Published, left as far as to the Cape of Good Hope
in the year 1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185

19th William H. Hall, Journal of voyage on ship
from San Antonio to Bahia, 1822
Published, left as far as to the Cape of Good Hope
in the year 1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185

20th William H. Hall, Journal of voyage on ship
from San Antonio to Bahia, 1822
Published, left as far as to the Cape of Good Hope
in the year 1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185
1822-1823, pages 184-185

JOURNAL

From *Indians* to *Mumukshu, back to Siroa* in
the *Ship "Munira", the "Hansa"* Master :
kept by *John H. H. H.* for the use of the

East-India Marine Society.

AT a Meeting of the EAST-INDIA MARINE SOCIETY, at their Hall, on Wednesday Evening, November 4, 1801, it was unanimously voted,—That in order to promote one great object of their institution, which was the acquiring of Nautical Knowledge, a Committee should be chosen to procure *Blank Journals* for the use of the Society; and that each Member bound to sea should be furnished with one of them, to be returned, with a regular diary of the winds, weather, and remarkable occurrences, during his Voyage, arranged in such manner as the Committee should direct.

Conformably to the above vote, a Committee was chosen, who, having procured JOURNALS of the present form, request the Members to fill up the blanks according to the following

DIRECTIONS.

THE blank at the top is to be filled up with the names of the Master, and of the person keeping the Journal, the name of the ship, and the places nearest to the ship on the days given in that page. As for example: after passing the Cape de Verds, say, from the Cape de Verds towards the Cape of Good-Hope.

In the 1st column of the Journal must be marked the day of the month; in the 2d, the course made good on that day; in the 3d, the distance sailed; in the 4th, the latitude at noon by account; in the 5th, the latitude by observation; in the 6th, the longitude by account; in the 7th, the longitude by observation reduced to noon by means of the log, or a time-keeper.

When the variation is observed, it is to be marked in the 10th column, the latitude and longitude in at the time of taking the observation, being calculated from the observed latitude and longitude at noon by means of the log, and marked in the 8th and 9th columns. When the variation is observed both in the evening and morning of the same sea-day, the evening observation must be marked first; and it may be also noted whether the observation was by an azimuth or amplitude, by marking the former *az.* and the latter *am.*

The winds are to be marked in the 11th column, two or three times each day, placing them regularly beneath each other.

In the right hand column must be noted, the general state of the weather, winds, currents, bearings of capes, islands, &c. with their estimated distances, and any other remarks that may be useful to navigators.

When an opportunity offers to take any observations for determining the latitude or longitude of any remarkable place or point of land, it should be carefully attended to; and for the satisfaction of those who may examine the Journals, it will be proper to give a detail of the observations. Thus, if the observation was taken for determining the latitude by the meridian altitude of the Sun, it would be proper to note the altitude of the Sun's lower limb, taken from the quadrant, the declination, and the bearing and distance of the place at the time of observation. Should the place not be in sight at the time of taking the meridian observation, it would be proper to note the course and distance made good by the ship, between the times of taking the meridian observation and observing the bearing of the land. A particular attention to observations of this kind will probably be the means of procuring a valuable collection of useful information. If the latitude or longitude observed should differ from any late books or charts, it would be proper to note it. In case any general remarks on the wind, weather, &c. experienced in the passages, should occur to the Journalist, he is requested to arrange them in the blank pages left for that purpose at the end of the Journal. A page is also assigned for an account of the coin, weights and measures of the several places touched at in the voyage; and it is hoped that care will be taken in acquiring information on these subjects. Any remarks on the commerce of the different places touched at, with the imports, exports, and manner of transacting business, will be of public utility. Whatever is singular in the manners, customs, dress, ornaments, &c. of any people, is deserving of notice.

There should be collected for the Museum, specimens of various kinds of vegetable substances, earths, minerals, ores, metals, volcanic substances, &c. There should also be preserved (according to the directions hereafter given) such parts of birds, insects, fish, &c. as serve most easily to distinguish them; and if no part can be preserved, a description of any that are remarkable, may be given. Inquiry should be made for any remarkable books in use among any of the eastern nations, with their subjects, dates and titles. Articles of the dress and ornaments of any nation, with the images and objects of religious devotion, should be procured.

DIRECTIONS

For Collecting and Preserving Objects of Natural History.

By SETH BASS, M. D.



I. MINERALS.—Minerals should be packed in cotton, oakum, or any soft substance. It would be proper to procure all the specimens of about the same size; pieces of three inches square will be sufficiently large. Specimens of all the most common rocks found on the Islands in the South Seas, and on the North-West Coast of America, would be considered valuable in the eyes of the Geologist and Mineralogist in America.

II. BOTANY, or VEGETABLE KINGDOM.—Plants should be collected when in flower, and placed between two pieces of blotting paper, and should be pressed moderately by placing a piece of board or plank on them for a day or two, and should then be taken out and placed in dry papers, taking care to lay all the leaves in a natural position, and then return them to the press with an additional weight. It will be necessary to change them several times, until they are perfectly dry; when they should be packed in a box, with a small quantity of Camphor, to prevent their being eaten by Insects. The boxes should be secured as close as possible. It is desirable to procure the seeds, or fruit, in their seed-vessels, in every case where it is possible. Fruit, if pulpy, may be preserved in spirits, and in some cases of rare plants, the flowers also. Seeds, when small, should be well dried and wrapped in paper, with some account of the plant; whether a tree, or annual plant; the situation in which it was found, &c.; and then packed in glass bottles, well corked, or secured with a cement made of Bees-wax and Resin. The larger seeds may be packed in dry powdered charcoal in a close box. Seeds of all kinds may be brought home in bottles of *Honey*, and this is probably the very best method of preserving them. Specimens of the different species of Wood found growing on the Islands in the Pacific Ocean, and North-West Coast of America, would be curious, and may be useful. Blocks sawed about one and an half inch thick, with the bark on; if the log is very large, the block may be split in quarters or any section of a circle.

III. MADREPORES, CORALS, &c.—To preserve marine productions, it is always necessary to soak them in fresh water, in order to extract the salt, and perhaps it would be best to have the water boiling. Specimens of all the Madrepores and Corals, &c. with the animals in them, preserved in spirits, and secured in close stopped bottles, would be a great addition to our Museum. Pieces of three or four inches in length will be sufficiently large.

IV. CONCHOLOGY, or SHELLS, and the animals that inhabit them.—Those Shells only are worth preserving in a Cabinet of Natural History, which have been taken with the animals alive in them, as those which are driven on shore by the tide, have generally been dead some time, and if not broken, the colours are always much faded, and sometimes are so much altered that they cannot be recognized as the same species; for the shell begins to bleach the moment the animal is dead; and therefore the only way to procure good specimens is to get them fished up, and to have the animals extracted, which may be done by pouring boiling water on them. Then soak the shells in fresh water for twenty-four hours, to extract all the salt, and pack them carefully with cotton in a box; but no attempt should be made to clean them on any account. It would be an addition of considerable interest to have a shell of each kind with the animal in it, preserved in spirits, as they are very imperfectly known.

V. ENTOMOLOGY.—Insects should be secured by pinning them into shallow cases, and very carefully closed by pasting strips of paper over the seams of the case; or the case may be enclosed in canvas, or thick paper, and then smeared over with pitch or tar; they will then be very secure from moisture. A small quantity of Camphor should be enclosed in a piece of gauze, and nailed into the case, to keep away other insects which would destroy them. Spiders and Worms should be preserved in spirits.

VI. CRUSTACEOUS ANIMALS.—Crabs, Sea Urchins, or Sea Eggs, and the like, should have the internal parts removed, and if large, carefully packed in boxes of powdered charcoal, or saw-dust, having been well washed in fresh water previous to packing them. If the species are small, preserve them in spirits.

VII. REPTILES AND FISH.—If the specimen is small, preserve it in a bottle of spirits. But if of large size, they should be carefully skinned, and then the blood soaked out by soaking in fresh water, changing the water several times. The skins may then be put into casks of strong brine. The heads of fish, with the gills, should be preserved entire.

VIII. ORNITHOLOGY.—To prepare and mount Birds, let the following directions be attended to, viz. Skin the bird as soon after the bird has been killed as may be convenient, in the following manner:—Make an incision down the side under the wing sufficiently large to permit the body to be taken out; disjoint the legs at the knees, and the neck close to the head; take out the brains, eyes and tongue; dissect as much of the muscles from the wings as you can, and then strew over the whole a fine powder composed

of white oxide of arsenic, one part, mixed with burnt alum, two parts; then stuff the head and legs with cotton; pass wires up the legs, and through the neck and head. Sometimes the wings may be supported by wires when they are to be spread; but generally they should be kept in place by pinning them to the side. If you intend to mount the bird, a piece of cork must be cut of exactly the same shape as the body of the bird, and the skin sewed over it, and the wires secured in the cork to support it—or the body of the bird may be slightly stuffed with cotton and hung up in the air to dry, and afterwards packed in a close case in cotton, with some pieces of camphor strewed in the case. All possible care should be taken to keep the feathers clean. In order to keep them perfectly secure, it would be best to cover the box with old canvas, or thick paper, and then smear it over with pitch.

The Nests and Eggs of birds are objects worth collecting. The eggs should have their contents blown out, then packed in the nest with cotton, and stowed into a box.

IX. QUADRUPEDS.—Animals should be carefully skinned, and the flesh dissected as clean as possible from the head and feet. It may not be necessary in every case to separate the head from the skin; but the safest method is to put the head into boiling water to boil the flesh; then take out the brains, eyes, &c. wash it clean, strew powdered *Arsenic* and *Alum* over it; then replace it in the skin, and secure the skin carefully to the teeth. The feet and ears should be wet with Spirits of Turpentine, and then the whole outside as well as inside strewed over with the powder of *Arsenic* and *Alum*. After sewing up the abdomen, except a small opening, stuff the skin with some light and dry substance; in some cases it may be more convenient to bring the skin home in strong brine, if the animal is large; in which case care must be taken to have all the blood soaked out before it is placed in the brine; and if soaked for some days in alum water, previous to placing it in the pickle, it would be an additional security.

NOTE.

In filling up the Journal, care must be taken not to write near the margin of the paper, either at the top, bottom, or the side; to prevent any of the writing from being cut off in binding up the Journals.

Journal JOURNAL in the *Brig Phoenix* *Aug.*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Vari.
Aug 23									
Aug 24	S 18 W	95	44. 00	43. 20	5. 45				
"	S 51 W	80	47. 48	47. 35	7. 19				
"	S 40 W	54	47. 13	46. 55	8. 65				
"	S 49 W	151	45. 27	45. 09	11. 02		16. 32	16. 04	21 m.
"	S 31 W	157	43. 28	43. 21	14. 62				
"	S 21 W	154	41. 08	40. 55	13. 17	13. 03			
"	S 20 W	190	37. 54		15. 43	15. 25			
"	S 17 W	150	33. 31	33. 31	17. 25	17. 15			
"	S 17 W	134	33. 28	33. 32	18. 11	18. 01			
"	S 21 W	190	30. 35	30. 33	19. 38	19. 00			
"	S 25 W	188	27. 44	27. 44	21. 10	20. 34			

Flanna Master, from the *Lizard* towards *Madagascar*

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
M. N. M. N. E. N.	Commenced with light breezes & squally with rain at 7 P.M. the <i>Lizard</i> bore N.W. by W. Compas Dist 8 leagues from which I take a Departure. a Southerly Current of 34 miles. Ends moderate & cloudy.
M. by N. N. E. N. N. N.	Commenced light breezes & squally with rain. a Southerly Current of 12 miles. Ends with light breezes & pleasant weather.
N. N. N. N. M. N. M.	Light breezes with passing clouds. a Southerly Current of 18 miles this 24 hours. Ends moderate & pleasant.
N. N. E. N. N. E.	Commenced gentle breezes from the Northward inclining Easterly. a Southerly Current of 18 miles Ends fine breezes & pleasant.
N. N. E. N. N. E.	Commenced fresh breezes & pleasant weather. a Southerly Current of 7 miles. Ends more moderate & pleasant.
N. N. E. N. N. E.	Commenced pleasant at 1 P.M. measured the Dist of the Sun - moon, which made the Long 15. 53. m. This 24 hours I allow for Current 1 mile - hour. E. S. E. by Compas. Ends fresh breezes & pleasant.
N. N. E. N. N. E. N. N. E.	Commenced fresh breezes & pleasant. at 2 P.M. Long by Sun & moon, was 15. 7. m. Ends fresh breezes & cloudy.
N. N. E. N. N. E.	Commenced fresh breezes & cloudy. Mid. part more moderate. Ends light breezes with passing clouds.
N. N. E. N. N. E. E. N. E.	Light breezes & cloudy weather. Mid. part Breeze increasing & cloudy. at noon made the Island of Madagascar bearing S. by E. by Compas.
E. N. E. E. S. E. E. by S.	Fresh breezes & cloudy weather at 3 P.M. Obs ^d the Dist. of Sun & moon, mean of 3 observations made the Long 17. 52. m. the western point of Madagascar bearing S. S. E. by Compas Dist about 12 leagues.
E. N. E. E. N. E.	Fresh breezes & pleasant weather at 5 P.M. Long by Sun & moon, 19. 26. m. etc. Ends moderate & hazy weather.

JOURNAL in the *Brig Phoenix, Alex.*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
Aug 16	S 23 W	171	25. 07	25. 10	22. 25	21. 50			
" 17	S 27 W	158	22. 23	22. 20	24. 07	23. 22			
" 18	S 30 W	150	20. 02	20. 01	25. 33	24. 45			
" 19	S 31 W	145	18. 02	18. 00	25. 51	25. 12			
" 20	S 12 E	109	16. 14	16. 14	25. 28	25. 31			
" 21	S 34 E	93	14. 57	So the making of the sun at 5. am.		25. 35	24. 57		
" 22	S 31 W	108	13. 17		23. 40				
" 23	S 34 E	10	13. 04	13. 03	23. 37				
" 24	S 48 E	135	11. 35	11. 36	21. 55				
" 25	S 37 E	158	9. 23		20. 12	20. 13			
" 26	S 55 E	140	7. 50	8. 02	18. 11	18. 10			

St. Anna. Master, from *Al. adrisa* towards *Cape de Verde*.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
E. ast E. S. E N. E.	Commenced fresh breezes - pleasant weather. Mid. part. Breeze increasing & inclining Northerly. Ends fine breezes from the N. E. - pleasant.
E. S. E " "	Fine breezes - pleasant weather. Mid. part. moderate & large.
E. S. E " N. E.	Commenced fresh breezes - thick haze weather. Ends fine breezes - pleasant.
E. S. E	Commenced fine breezes - pleasant. at 9.30 am Long by moon & ancres. reduced to noon as per column. Ends fine breezes with passing clouds.
E. S. E East S. N.	Commenced fine breezes & pleasant weather. at 9.30 am Long by moon & ancres. red. to noon as per column. Ends light baffling air from the S. N.
N. S. N. East E. S. E	Commenced light air pleasant. at 2. am Made the Island of Brava. bearing S. E. of Comp. Dist. 5 leagues. Ends moderate & cloudy with squalls of rain.
E. S. E	Commenced with light breezes & passing clouds. at 5.30 am Brava bore N. W. by Comp. Dist. 15 miles from which I take a departure. Ends light air & cloudy.
East calm. S. N.	Light variable air & pleasant. Mid. part. Calm pleasant. Lost the N. E. T. races. at 4 am a light air from the S. N. Ends pleasant.
N. S. N. S. N. N. S. N.	Commenced with light air pleasant weather. Mid. part. fresh breezes & cloudy. Some appearance of a current on the water. Ends pleasant.
S. N. N. S. N. N. S. E.	Commenced fine breezes pleasant weather. Mid. part. fresh breezes - squally with showers of rain. at 3.30 am measured the Dist. of the moon - aldetan. Long red. to noon as per column. Ends squally.
S. S. N. S. N. S. S. N.	Commenced fresh breezes with squally appearances. at 3. am Dist. of X & C's nearest limbs near the Long. red. to noon as per column. Ends light breezes & cloudy.

JOURNAL, in the Brig *Phoenix* Aug.

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
Aug 27	S 48 E	54	4. 07		17. 07	17. 08			
" 28	S 38 E	72	5. 11	5. 20	15. 22	15. 23			
" 29	S 55 E	104	5. 13	5. 11	14. 59	13. 00			
" 30	S 59 E	85	4. 27	4. 22	13. 45	11. 24			
" 31	S 55 N	120	3. 37	3. 37	15. 30	13. 00			
Sept 1	S 51 N	128	2. 37	2. 38	17. 25	14. 44			
" 2	S 51 N	142	1. 29	1. 29	19. 30	10. 48			
" 3	S 55 N	147	00. 07	00. 05	21. 30	18. 50			
" 4	S 41 N	178	2. 00	2. 24	23. 50	21. 10			
" 5	S 25 N	100	4. 50	5. 07	25. 25	23. 03			
" 6	S 11 N	150	7. 50	7. 50	25. 54	23. 35			

He arrived Master, from Cape de Verde towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
S. N. S. S. N. S. N.	Light breezes, cloudy weather. Continues squally at intervals throughout the 24 hours.
M. S. N. Variable S. S. N.	Continued light breezes & squally weather. Mid. part cloudy with passing squalls. Ends the same.
S. S. N. to S. N.	Fresh breezes & squally at 10 a.m. Long by Sun moon, set to noon as per Column. Must have had an Easterly Current.
S. S. N. " "	Fresh breezes & cloudy. Mid. part the same. at 9.30 am. Obs ^d the Fishy C. Ends pleasant.
S. S. N. S. N. South.	Continued light Southerly winds pleasant weather. At noon, the Obs ^d Dist of O + C made the Long 13. 11. 11.
S. N. to S. S. N.	Fresh breezes pleasant Mid. part cloudy. Ends pleasant.
S. N. South S. S. N.	Continued fresh breezes pleasant weather. Mid. part squally. wind inclining Easterly. Ends fine breezes from the S. S. N. pleasant.
S. N. South S. S. E.	Comes in fine breezes pleasant weather. Mid. part squally. Ends pleasant.
South S. S. E. S. S. E.	Continued with fresh breezes & pleasant. Mid. part, fresh breezes & passing clouds. a Southerly Current of 24 miles.
S. S. E. S. E. S. S. E.	Continued with fine trade winds pleasant weather. a Southerly Current of 17 miles. Ends pleasant.
S. E. S. S. E. S. E.	Continued with fine breezes & passing squalls. Mid. part squally. Ends pleasant.

JOURNAL in the Brig Phoenix Alex.

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18 23									
Sept. 7	S 31 N	150	10. 07	10. 07	27. 13	24. 58 <i>True Loc.</i>	5. 25	23. 53	10. 11 <i>am.</i>
" 8	S 15 N	175	12. 33	12. 53	28. 10	27. 20	10. 42	23. 30	9. 23 1/2 <i>am.</i>
" 9	S 17 N	182	15. 47	15. 47	29. 05	28. 15	13. 31	27. 51	7. 11 <i>am.</i>
" 10	S 17 N	175	18. 41	18. 42	29. 31	28. 41 <i>True Loc.</i>	15. 06	28. 20	4. 20 1/2 <i>am.</i>
" 11	S 10 E	107	19. 27	up to making the land at 5. 30. am		29. 11	29. 29		3. 20 1/2 <i>am.</i>
" 12	S 22 E	158	22. 54	22. 30	25. 01	28. 19			am. S. 12
" 13	S 27 E	50	23. 52	23. 52	27. 29	27. 47 <i>True Loc.</i>	22. 52	28. 12	am. S. 12
" 14	S 29 E	48	24. 34	24. 34	27. 10	27. 22 <i>True Loc.</i>			
" 15	S 40 E	48	25. 11	25. 11	25. 30	26. 48 <i>True Loc.</i>	24. 47	27. 15	am. S. 24
" 16	S 28 E	74	26. 15	25. 11	25. 51	26. 09 <i>True Loc.</i>			
" 17	S 60 E	150	27. 29	27. 25	23. 31	22. 50			

Hanna Master, from Cape de Verdes towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
S. E. by S. S. S. E. S. E. by S.	Fresh trade winds & pleasant weather. Mid. part. Brisk breezes with passing clouds. Ends moderate with fine weather.
S. E. by S. S. E.	Common fine breezes from the S. E. quarter & pleasant Mid. part. Breeze increasing at 11. am. Long. by mean of 4 observations of C + E. at 11 to noon, 27 20 m. Ends pleasant.
S. E. by E. "	All this 24 hours fine trade winds pleasant.
S. E. E. S. E. East.	Common fresh breezes & passing squalls. Ends pleasant.
East. Variable	Common pleasant. At 2 Pm Long. of C + E was 29 45 m. at 3.30 am. made the Martin Vd. bearing S by N, 14 m. Gloom? Dist 13 miles. at 5. Trinidad bore m. by S. at 8. Martin Vd. largest, bore West. Dist 4 miles. Ends pleasant.
E. S. E. East E. S. E.	Common light breezes & pleasant. At 4 Pm. the mean of 4 observations of C + E made the Long. 29 00 m. Trinidad then bore N by N, 14 m. Gloom? Dist 50 miles. from which I take a new departure.
N. E. Variable	Common moderate & pleasant. Mid. part wind variable, clouds passing from the S. W. Ends moderate & pleasant.
E. S. E. West. S. W.	Light airs & variable from all points of the compass. Ends with a light air from the S. W. pleasant.
N. W. North N. E.	Common light airs & pleasant weather. Ends light airs from the N. E. pleasant.
North "	All this 24 hours, light airs from North to N. E. & pleasant weather.
N. E. N. W. S. S. W. South.	Common with fine breezes & pleasant weather. Long by Antares & C's nearest limb at 6 noon as per Column. Ends fresh breezes from the Southward.

JOURNAL in the Brig Phoenix, Alex.

Date. 18 23	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			S.	S.	m.	m.			
Sept. 18	S 80° E	152	27. 52	—	20. 41	20. 23			
" 19	S 84 E	137	27. 38	27. 33	18. 15	17. 39			
" 20	South	52	28. 25	28. 25	18. 15	17. 39			
" 21	S 35 E	184	30. 58	—	15. 18	15. 42 <i>Wind from</i>			
" 22	S 40 E	132	32. 30	32. 24	14. 27	13. 51 <i>Wind from</i>			
" 23	S 49 E	101	33. 31	33. 31	12. 51	12. 26 <i>Wind from</i>			
" 24	S 57 E	190	33. 17	35. 17	9. 38	9. 02 <i>Wind from</i>			
" 25	S 64 E	220	30. 53	31. 54	5. 53	4. 57 <i>Wind from</i>			
" 26	N. 88 E	93	30. 51	30. 51	3. 38	3. 02 <i>Wind</i>			
" 27	S 53 E	150	37. 58	37. 58	0. 30				
" 28	S 89 E	228	38. 02	38. 02	4. 00	3. 40 <i>East East</i>			

Hanna. Master, from Cape de Verdes towards Cape of Good Hope

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
S. by E South.	Common fresh breezes from the Forewear + passing clouds. at 8 AM. S. by S. + S. E. nearest limit due to moon at 6. 30 AM. Ends fine breezes + cloudy.
S. by E	Common light breezes with passing clouds. a heavy swell from the S. N. for which I allow 20 miles at 10 AM. to the S. of S. E. Ends fine breezes + pleasant weather.
South E. S. E. S. E. by E.	Light breezes + pleasant. wind inclining Easterly Ends fine breezes from the S. E.
N. E. N. N. E. North.	Fresh breezes + cloudy. Mid. part. Breeze increasing + hauling to the North. Ends fresh breezes + cloudy with rain at intervals.
North N. N. E. North.	Common fresh breezes from the North + cloudy. Mid. part. Wind shifted suddenly to N. N. E. Ends moderate with passing clouds.
N. N. E. N. N. E. N. N. E.	Common moderate + cloudy. a heavy swell from the N. N. E. for which I allow 12 miles Ends pleasant.
N. N. E. North N. by E.	Common moderate + pleasant. Mid. part. Breeze increasing + inclining Northerly with passing clouds. Ends fresh breezes + cloudy.
North N. N. N. E. S.	Fresh gales from the North + cloudy. Mid. part the same. a heavy sea making Ends more moderate, passed considerable Kelp + Rockweed.
S. N. South East.	Common fresh breezes with passing clouds. Mid. part. Light airs from the South. Ends fresh breezes from the East.
E. by N. N. E. North.	Common fresh breezes + cloudy weather. Ends fresh breezes from the North + cloudy.
North. N. N. West.	Fresh breezes + cloudy weather. Mid. part. British gales from the N. N. + squally with rain. at 8. 30. E. S. E. + S. E. to noon 3. 40 East Ends fresh breezes + pleasant.

JOURNAL in the Brig *Phoenix* Alcy

Date. 18 23	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			North.	South.	East.	East.			
Sept 29	N 53 E	200	37 35	37 30	9 11	7 30			
" 30	N 59 E	200	37 39	37 38	12 25	11 10			
Oct 1	N 59 E	142	37 33	37 33	15 25	15 52			
" 2	N 55 E	54	37 35	37 34	15 32	17 00			
" 3	S 14 E	120	39 31	39 31	17 09	17 37			
" 4	N 52 E	17	39 21	39 22	17 25	17 54			
" 5	N 21 E	95	37 54	37 54	18 11	18 39			
" 6	S 43 E	50	38 07	38 30	18 59	19 27			
" 7	N 79 E	135	38 10	38 11	21 48	22 10			
" 8	S 82 E	71	38 19	38 21	23 17	23 45			
" 9	N 28 E	34	37 31		23 35	24 05			

Hanna. Master, from Cape at ends towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
N. A. N. N. G. A. N. E. S.	Common fresh breeze pleasant weather. Wind fresh & squally at 10. am Long G. S. E. to noon, as per Column. Ends fine breeze pleasant.
N. N. N. E. S. N. N.	Fresh breeze squally clouds. at 10. am the 9 th of G. S. E. Ends fine breeze pleasant weather.
S. N. S. S. N.	Fresh breeze & pleasant weather. wind inclining southerly. at 10. am G. S. E. Ends the same.
S. S. N. South S. S. E.	Common fresh breeze squally clouds. Wind mod. Moderate & cloudy. Ends pleasant.
E. S. E. E. S. E.	Breeze at times & cloudy with rain at intervals throughout the 24 hours.
E. S. E. East. S. E. S.	Common fresh variable winds & cloudy. Wind fresh & squally with rain. Ends moderate wind inclining southerly.
N. E. S. S. E. E. S. E.	Common fresh breeze & squally weather. Wind rain & squally, a heavy sea from the S. S. E. Ends more moderate with passing clouds.
S. E. E. S. E. N. N.	A light breeze from the S. E. inclining easterly. Must have had a southerly current of 24 miles Ends with a light air from the S. E.
N. E. S. S. S. E.	Common light breeze & cloudy. Wind part squally with showers of rain. Ends fine breeze & cloudy.
S. E. E. S. E. E.	Gentle breeze squally squally with rain. Ends moderate & cloudy.
S. E. S. S. E. S. E. S.	Common fresh breeze with squally appearances. Wind part fresh gales with thunder lightning. Ship under close reef's on, top, sail. Ends more moderate, a heavy sea from the S. E.

JOURNAL in the *Orig Phoenix Alley*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
Oct 10	N 30° E	80	South 35. 42	South	East 24. 23	East 24. 30			
" 11	N 33° E	87	35. 52	35. 52	25. 50	20. 24			
" 12	N 33° E	173	35. 13	35. 14	24. 29	24. 57			
" 13	N 33° E	156	35. 05	35. 53	32. 44	33. 54			
" 14	S 2° E	142	35. 00	indifferent 38. 17	32. 50	34. 02			
" 15	N 35° E	147	38. 03	38. 03	35. 50	37. 17			
" 16	N 33° E	171	37. 15	37. 03	39. 03	40. 18			
" 17	N 30° E	130	35. 21	35. 13	41. 30	42. 50			
" 18	N 35° E	115	35. 25	35. 10	43. 50	45. 12			
" 19	N 39° E	143	35. 30	35. 43	45. 45	49. 39			
" 20	N 38° E	127	37. 17	37. 09	44. 20	52. 14			

Hannas. Master, from Cape of Good Hope towards Sumatra.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
S.E. S.S.E. "	Common fresh breezes & squally with rain, Mid. part. the same. Ends moderate with passing squalls.
S.E. S.S.W.	Fresh breezes & squally with a high but sea. Lat. part. more moderate wind inclining westerly.
S.W. N.W.W.	Common fresh breezes & passing squalls, sea abating. Ends with fair breezes & pleasant weather.
N.W.W. S.W. S.E.	Common gentle breezes & pleasant, at 3.30 at the West of C & E Mid. part. has a light northerly current, Ends light breezes & cloudy.
S.E. S.E. S.E.	Common with gentle breezes & cloudy, Mid. part. Breeze increasing with passing clouds. Ends the same.
South " S.W.	Fresh breezes & squally weather, at 5.00 am. Sun at C & X. Ends moderate & pleasant.
S.W. South.	Fresh breezes & pleasant weather, at 7.30 am. Sun at C & X. a northerly current of 10 miles. Ends moderate & cloudy.
South. " "	Light breezes & cloudy weather, a northerly current of 5 miles.
South S.W. S.W.	Common light breezes from the South, inclining westerly, Lat. part. Breeze increasing from the S.W. & cloudy.
S.W. S.W. S.W.	Common with variable winds in the Southern quarters, with passing squalls, at 10.00 am. Sun at C & X. a northerly current of 13 miles.
S.W. Variable	Light variable winds with passing squalls. Ends pleasant.

JOURNAL in the *Brig Phoenix Alex*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
Oct 21	S 53 E	130	38. 11	38. 03	51. 40	54. 43			
" 22	S 80 E	192	38. 15	38. 10	53. 40	58. 40			
" 23	N 89 E	215	38. 13	38. 13	50. 21	53. 08			
" 24	N 70 E	148	37. 37	37. 37	53. 04	55. 11			
" 25	N 44 E	28	37. 18	37. 21	53. 31	51. 31			
" 25	N 57 E	52	37. 53	37. 52	55. 03	58. 10			
" 27	N 87 E	171	37. 43	37. 43	58. 40	71. 47			
" 28	N 77 E	152	37. 07	37. 07	71. 58	74. 08			
" 29	N 50 E	45	35. 43	35. 44	72. 48	74. 44			
" 30	N 51 E	190	38. 48	up to 11 am 75. —	75. 55	77. 52			
" 31	N 47 E	144	37. 09	37. 09	80. 07				

Hannu. Master, from Cape of Good Hope towards Sumatra.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
N. S. N. N. E. S. N. N.	Commt light breezes from the West ² , squally at times. a northerly current of 9 miles. Ends pleasant.
N. N. N. S. N. N. E. S.	fine breezes pleasant weather. mid. part. Breeze increasing & inclining northerly. Ends fresh breeze with passing clouds.
North N. N. E. S.	fresh breezes from the North ² pleasant weather. Ends the same.
North N. E. S. N. E.	Commt with variable winds from North to West. mid. part. wind inclining southerly, & thick rainy weather. Ends moderate & cloudy.
E. S. E. E. E. S. East.	Commt light breezes in the Eastern quarter, & hazy weather. Ends light airs & overcast.
East N. E. North.	Commt light airs & pleasant. Ends fine breezes from the North ² & pleasant.
North N. S. N. N. N.	Commt with light breezes & pleasant weather. Ends fine breezes from the N. N. passing clouds.
N. S. N. S. N. South.	Commt fresh breezes & cloudy with fine rain. at 10. am. Lunar. 7 0 + 6 Ends pleasant.
S. E. Variable in the South quarter.	Light airs pleasant weather. at 11. am. 0 + 6 Ends calm & pleasant.
N. S. N. N. E. S. N. N.	Commt a light breeze from the West pleasant. mid. part. fresh gales & cloudy at 10. am. the Dist. of 0 + 6 at 11. made the Northmost Amsterdam Island. at 11. the Island bore West 12 mile. Lunar. 7 to 11. am. placed it in about 77. 52 East. Ends fresh gales & cloudy.
N. E. S. S. N. N.	Commt fresh gales & cloudy. at 1. pm. the Centre of the Island bore West. 9. 6 am. Dist. 12 miles from which I take a Departure. Ends calm & cloudy.

JOURNAL in the *Brig Phoenix Alex.*

Date. 1823	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South	South	East	East			
Nov. 1 st	N. 55° E	195	33. 47	33. 40	83. 40				
" 2 nd	N. 43° E	201	33. 14	33. 14	80. 32				
" 3 rd	N. 35° E	177	30. 50	30. 50	88. 33		32. 43	87. 10	am. 9.30. 00
" 4 th	N. 39° E	151	28. 54	28. 54	90. 23		30. 18	89. 00	am. 9. 15
" 5 th	N. 22° E	108	20. 23	20. 22	91. 30				
" 5 th	N. 20° E	140	24. 11	24. 11	92. 29				
" 7 th	N. 11° E	113	22. 20	22. 21	92. 52	92. 00			
" 8 th	N. 6° E	130	20. 12	20. 12	93. 07	92. 23			
" 9 th	N. 2° E	172	17. 20	17. 20	93. 13	92. 28			
" 10 th	North	203	13. 57	13. 57	93. 13	92. 22			
" 11 th	N. 2° W	180	10. 57	---	93. 07	92. 17			

Hanna.

Master, from Cape of Good Hope towards Sumatra.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
S.E. South. A.M.	Comm ^d light breezes & hazy weather. Mid. part Breeze increasing & inclining N. westerly. Ends fresh breezes pleasant.
A.M.	Gentle Breezes from the N.W. & pleasant through- out the 24 hours.
A.M. " " A.M.	Comm ^d with fresh breezes from the N.W. & pleas- ant. Ends the same.
A.M. " " " "	Comm ^d with steady Breezes from the N.W. and pleasant. Ends the same.
A.M. " " " "	Comm ^d with fine breezes & passing clouds. Ends pleasant.
A.M. N.A.M. P.M.	Fine Breezes & pleasant. Ends more moderate & pleasant.
A.M. South S.E.	Comm ^d light air & pleasant weather. Mid. part a light breeze from the South. Ends pleasant. Long by 0 + C at noon as per Column.
S.E. " " East.	Comm ^d with light breezes & pleasant. Mid. part moderate with passing squalls. Ends pleasant. Long by 0 + C.
S.E. " " East.	Comm ^d fine breezes with passing clouds. Mid. part fresh breezes & squally. Ends pleasant.
S.E. " " " "	Comm ^d fine breezes with passing clouds. at 3.00 Long by 0 + C 92.22 E. Ends fresh breezes & squally.
East " " S.E.	Fine Breezes with passing squalls. 0 + C. Ends the same.

Hannu Master, from Cape of Good Hope towards Sumatra.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
East	Comm ^d fine breezes. light squalls with rain. Ends moderate pleasant.
East Variable	Comm ^d moderate with passing clouds. Mid. part Light airs with heavy showers of rain Ends moderate with fine rain.
South West S.W.	Light Breezes from the South inclining N. easterly with fine rain at intervals. Ends light airs from the S.W. pleasant.
West S.W.	Comm ^d moderate & Cloudy. Ends with fine breezes & passing squalls.
N.W. N.W.	Fresh breezes pleasant weather. Mid. part Squally. Ends pleasant.
N.W. N.W.	Comm ^d fine breezes pleasant. at 11 P.M. Long. by G.S. * * ded ^d to noon as per Column Ends moderate pleasant.
N.W. N.W.	Comm ^d moderate pleasant. at 10.30 am. Long. by G.S. * was 96.09 E. at 2 am saw the appearance of land bearing N.E. at noon the N.W. part of Hog Island bore N.W. by W. the S.E. part E by S. Dist. 10 miles from the main land.
N.W. South	Comm ^d moderate & pleasant at 3.30 am. Tried for soundings with 20 fath. of line no bottom. at 4. Flat Is. bore South Dist 4 miles Ends Calm. the S.E. part of Hog I ^d bearing S.W.
S.E.	Comm ^d pleasant a light air from the East. Mid. part Squally with rain at 5 am made Cape Felix bearing North Dist 10 miles. found a strong current setting to the N.W. at noon came to anchor in Anababo.

JOURNAL in the Brig Phoenix Mex.

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			North.	North.	East.	East.			
Jan 7	S 2 N	33	2. 47	2. 40	93. 23				
" 8	S 3 N	38	2. 28	2. 30	94. 49				
" 9	S 11 N	10	2. 20	2. 17	94. 47				
" 10	N 75 N	34	2. 17	2. 31	93. 55				
" 11	S 33 N	19	2. 04	2. 13	93. 45				
" 12	S 25 N	117	0. 29	0. 30	92. 55				
" 13	S 12 N	119	South.	South.	92. 30				
" 14	S 19 N	106	3. 05	3. 00	91. 45				
" 15	S 22 N	65	4. 12	4. 06	91. 25				
" 16	S 30 N	66	3. 12	3. 01	90. 45	91. 54			
" 17	S 45 N	91	0. 17	0. 05	89. 43	90. 49			

Hanna Master, from Sumatra. towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
E ast 16 E S E	Common with light breezes passing clouds. At 1 P.M. Saw the Western Coco. bearing S E 1/4 S. Dist. 10 miles from which I take my departure. a heavy head beat sea. Ends pleasant.
E S E 11 M	Common light breezes pleasant weather. Sea abating. Mid part Squally with sharp lightning. Ends moderate.
S M	Light baffling air pleasant weather.
Calms	Ends Calms pleasant.
S S E S M	Common light air from the S.E. quarter + Cloudy. Later part moderate + Cloudy. a northerly current of 14 miles.
S M Calms N M	Common with a light air from the S.M. Late part a Breeze from the N.M. a northerly current of 11 miles.
N N M West S M	Common gentle Breezes from the West. pleasant. Ends Cloudy with passing squalls.
N S M West	Common moderate + Cloudy. Ends fine breezes with passing clouds.
N by N	Fine Breezes from the West. pleasant. Mid part Squally. Ends fine breezes pleasant.
N by N	Common with light Breezes passing squalls. Ends pleasant. a northerly current of 5 miles.
N N E M West N N M	Common moderate + pleasant. Mid part Squally. Long by 6 1/2 M. det. to noon as per Column. 11 miles N of det. Common. Ends fine breezes pleasant.
N M	Common gentle Breezes pleasant weather. a northerly current of 12 miles. Ends the same.

JOURNAL in the Brig Phoenix. Alex^r

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18 24			South.	South.	East.	East.			
18 24	S 50° W	78	9° 55'	0° 55'	88° 42'	89° 28'			
" 19	S 30° W	8	0° 54'	5° 59'	88° 30'	89° 21'			
" 20	S 44° W	90	7° 08'	7° 08'	87° 05'	87° 51'			
" 21	S 55° W	80	7° 58'	7° 50'	85° 53'	80° 39'			
" 22	S 50° W	110	9° 07'	9° 07'	84° 28'	80° 40'			
" 23	S 55° W	125	10° 19'	10° 19'	82° 43'	84° 53'			
" 24	S 55° W	120	11° 31'	11° 31'	80° 59'	82° 54'			
" 25	S 52° W	140	12° 57'	12° 53'	79° 00'	80° 35'	11° 13'	82° 35'	3° 11'
" 26	S 53° W	170	14° 35'	14° 35'	70° 45'	77° 40'			
" 27	S 44° W	153	15° 16'	15° 19'	71° 50'	75° 10'			
" 28	S 44° W	101	17° 54'	17° 54'	72° 34'	73° 00'			

Hanna Master, from Sumatra towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
A.M. S.S.W.	Commenced light breezes from the N.W. & pleasant at 9 a.m. Long by C. & ded. to noon, as per Column. Ends pleasant
A.E. Calm	Light airs and pleasant weather. Ends calm & pleasant
S.S.W. South S.E.	Commenced a light air from the South & pleasant Ends fine breezes and pleasant
South S.E. S.E.	Light breezes and pleasant weather. Mid part squally with baffling winds from South to S.E. Ends pleasant
S.E. South E.S.E.	Light Breezes & pleasant at 10 a.m. Long by C. & ded. to noon, as per Column, by which it appears we have had an Easterly Current, of 12.25 since the last lunar on the 18 th
S.E. E.S.E.	Commenced light Breezes & pleasant, Mid part light trade winds passing clouds. at 11 a.m. Long by C. & ded. Ends pleasant
S.E. E.S.E. S.E.	Gentle Breezes & pleasant weather. Mid part fine breezes with passing squalls. at 10. Lunar by C. & ded. Ends fine breezes & pleasant
E.S.E.	Commenced light breezes & pleasant, Mid part fresh breezes & squally, at 11 a.m. Lunar by C. & ded. Ends pleasant
S.E. E.S.E. E.S.E.	Commenced fresh breezes & pleasant weather. at 10.30 a.m. Long by C. & ded. to noon as per Column by which we have had a westerly Current of 32 miles. Ends pleasant with passing clouds.
E.S.E.	Commenced fine Breezes with passing squalls. at 11 a.m. Long by C. & ded. to noon as per Column, by which we must have had a westerly Current of 30 miles. Ends pleasant
S.E. S.E. E.S.E.	Fine trade winds and pleasant weather. Ends the same,

JOURNAL in the *Brg. Phoenix Alex.*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South.	North.	East.	East.			
Jan 24	S 57° W	143	19. 12	19. 12	70. 28	70. 54			
" 30	S 55° W	103	20. 10	20. 10	58. 58	59. 24			
" 31	S 53° W	100	20. 53	20. 55	60. 23	57. 49			
Feb 1	S 51° W	124	21. 35	21. 35	64. 17	65. 43			
" 2	S 54° W	84	22. 02	21. 58	62. 51	64. 17			
" 3	S 75° W	85	22. 20	22. 20	61. 21	62. 47			
" 4	S 67° W	91	22. 56	22. 55	59. 50	61. 10			
" 5	S 84° W	52	23. 03	22. 59	58. 53	62. 17			
" 6	S 75° W	72	23. 17	—	57. 35	61. 00			
" 7	S 73° W	93	23. 44	23. 47	55. 59	59. 23			
" 8	S 73° W	115	24. 17	24. 21	53. 57	57. 51			

Hanna.

Master, from Sumatra

towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
S. E. S. E. by E East	Commenced fine trades and pleasant weather. Ends fine breezes from breezes from the East.
East	Commenced gentle breezes & pleasant. Ends moderate with squally appearances in the P.M.
S. N. East	Commenced squalls from the S. N. Mid. part wind from the East & pleasant. Ends the same.
E. N. E. N. E. N. N. E.	Fine breezes and pleasant weather. Ends the same.
N. N. W. North	Commenced moderate & pleasant. Mid. part variable winds with intervening Calms. Ends pleasant.
North South East.	Commenced light airs from the North & pleasant. Mid. part variable winds & squally. Ends squally a swell from the N. E.
North West S. E. North	Commenced light variable airs with passing squalls. Mid. part Squally, wind veering all round the Compass. Ends pleasant with passing Clouds.
North N. E. East.	Commenced with light airs pleasant weather. at 11 am Long. by C. & C. was 52. 18 differing 2 deg. from last Lunar alt. found. Ends pleasant.
North West South N. E.	Light variable winds & squally. Late part Moderate, cloudy, wind veering all round the Compass.
North S. E. N. E.	Light baffling airs and cloudy. Ends gentle breezes & pleasant weather.
N. E. North S. E.	Light breezes pleasant. Mid. part Squally. at 6. Am Long. by C. & C. Ends pleasant.

JOURNAL in the Brig Phoenix Alex.

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
			South	South	East	East			
Feb 4 th	S 82° W	150	24. 42	24. 42	51. 14	53. 15			
" 11 th	S 73° W	90	25. 03	25. 03	49. 39	54. 01			
" 11 th	N 89° W	97	25. 13	25. 13	47. 52	52. 14			
" 12 th	S 71° W	187	25. 07	25. 05	44. 35	48. 55			
" 13 th	S 17° W	135	27. 10	27. 10	41. 42	47. 25	25. 23	47. 00	19° W
" 14 th	S 70° W	197	28. 11	28. 11	38. 11	43. 49			
" 15 th	S 52° W	146	29. 41	29. 41	35. 03	40. 38			
" 15 th	S 37° W	129	31. 17	31. 24	32. 12	37. 45			
" 17 th	S 55° W	111	32. 04	32. 11	30. 15	35. 45			
" 18 th	S 57° W	86	32. 33	32. 42	28. 47	34. 20			
" 19 th	S 55° W	120	33. 09	33. 30	25. 35	32. 57			

Canna. Master, from *Sumatra*, towards Cape of Good Hope.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
N. N. E. North N. E.	Commenced fine breezes passing clouds. at 3.30 am. Dist. of 6 x 6. Ends fresh breezes & cloudy. Judge the Is. of Bourbon to bear N 3 E Dist. 231 miles.
N. N. E. N. N. S. W.	Commenced fresh breezes with passing clouds. at 4 am. Lunar by 6 x 6. Ends light from the S. W. & pleasant.
S. N. by E. S. S. W. South.	Commenced light baffling air & cloudy. Mid. east wind inclining southerly pleasant. a southerly current of 7 miles.
S. S. E.	Commenced fine breezes with passing clouds. Mid. part fresh breezes & cloudy. Ends more moderate.
S. E. " " S. S. E.	Commenced fine breezes with passing clouds at 6.30 lunar by 6 x 6. Ends the same.
S. E. by E. " " S. E.	Fine breezes & pleasant weather throughout the 24 hours. at 10.30 lunar by 6 x 6.
S. E.	Fine breezes & pleasant weather.
S. E. by E. S. E. S. E. by E.	At these 24 hours fine breezes in the S. E. quarter - passing clouds. a southerly current of 7 miles.
S. E. by E. East S. E. by E.	Commenced with fine breezes & pleasant weather. Ends moderate. a southerly current of 7 miles.
East " "	Commenced with light air pleasant. Ends moderate a southerly current of 6 miles.
East S. E. by E. " "	Light air & pleasant weather. at 8 am 6 x 6. Ends fine breezes & pleasant. a southerly current of 21 miles.

JOURNAL in the *Brig Phoenix Mex.*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
Feb 10	S 55 N	111	34. 1	34. 19	15. 51	16. 17			
" 11	S 55 N	111	34. 02	33. 58	22. 53	23. 55			
" 12	S 55 N	101	34. 01	34. 20	27. 18	27. 11			
" 13	S 55 N	172	33. 10	33. 51	29. 34	21. 48			
" 14	S 55 N	112	33. 10	33. 23	19. 45	20. 00			
" 15	S 55 N	130	34. 15	33. 59	12. 49	13. 58			
" 16	S 55 N	190	31. 45	31. 45	14. 10	14. 00			
" 17	S 55 N	155	20. 51	20. 51	11. 55	11. 54			
" 18	S 50 N	179	27. 35	27. 35	9. 00	8. 59			
" 19	S 50 N	120	11. 14	11. 14	7. 12	7. 11			
March 1	S 55 N	54	25. 25	25. 25	5. 45	5. 45			

Hanna. Master, from *Gumatra.* towards *Cape of Good Hope.*

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JOURNAL in the *U.S. Fish Commission steamer Albatross*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
18 14			North	South	East	West			
" 15	1.21 N	112	23.23	23.23	4.52	4.51			
" 16	1.11 N	110	21.45	22.00	2.20	2.00			
" 17	1.21 N	114	20.54	20.55	0.45	0.44			
" 18	2.4.4	93	19.57	19.47	0.22	1.23			
" 19	1.51 N	122	19.05	19.15	2.18	3.22			
" 20	1.55 N	120	18.31	18.30	3.32	3.18			
" 21	1.50 N	93	17.54	17.55	0.23				
" 22	1.51 N	130	17.20	17.20	5.17				
" 23	1.50 N	130	16.47	16.47	10.18				
" 24	1.45 N	113	9.53	9.53	12.21	12.51	5.22	14	5.8
" 25	1.4.5 N	51	9.54	9.54	14.47				

Kanua. Master, from Cape of Good Hope towards St. Helena.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
West S. S. W. S. E.	Current with light air from the Westward, speed not quite fast breeze increasing & rising to the South. Clear pleasant.
S. E. S. E. by S.	Clear breeze - passing clouds, a Southwesterly Current observed the 21 hour of 21 miles.
S. E.	At the 21 hour light breeze with passing clouds. Current has set at 11 miles to the Southward & South westward, we are not able to ascertain whether there has been a change of West set to it, unless not known.
S. E. S. E. by S.	Light breeze - pleasant at 2.31. 4.4. bearing of S. E. by S. 1/2 S. the land S. E. by S. 1/2 S. bearing 10 miles from Long. 6. 4. 4. 1/2 bearing of S. E. by S. 1/2 S. bearing 10 miles from Long. 6. 4. 4. 1/2 the 2 days, concerning to a bearing of S. E. by S. 1/2 S. 14 miles to the S. E. by S. 1/2 S. bearing 10 miles from Long. 6. 4. 4. 1/2
S. E. S. E. by S.	Light breeze - pleasant weather the 21 hour light breeze at 11 miles to the Southward & South westward, we are not able to ascertain whether there has been a change of West set to it, unless not known.
S. E. S. E. by S.	Current light breeze - pleasant, at 1. 4. 4. 1/2 the 21 hour light breeze at 11 miles to the Southward & South westward, we are not able to ascertain whether there has been a change of West set to it, unless not known.
S. E. S. E. by S.	Light breeze - cloudy at 2. 4. 4. 1/2 bearing of S. E. by S. 1/2 S. the 21 hour light breeze at 11 miles to the Southward & South westward, we are not able to ascertain whether there has been a change of West set to it, unless not known.
S. E. S. E. by S.	At the 21 hour light breeze with passing clouds
S. E. S. E. by S.	Clear breeze - pleasant weather. Clear passing clouds with light rain.
S. E. S. E. by S.	Light breeze - pleasant throughout the 21 hour at 2. 4. 4. 1/2 bearing of S. E. by S. 1/2 S. the 21 hour light breeze at 11 miles to the Southward & South westward, we are not able to ascertain whether there has been a change of West set to it, unless not known.
S. E. S. E. by S.	Light breeze - pleasant throughout the 21 hour at 2. 4. 4. 1/2 bearing of S. E. by S. 1/2 S. the 21 hour light breeze at 11 miles to the Southward & South westward, we are not able to ascertain whether there has been a change of West set to it, unless not known.

JOURNAL, in the

[illegible]

To [illegible]

Master, from

[illegible]

towards

[illegible]

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

S.E.

[illegible]

S.E. by E

[illegible]

[illegible]

S.E. by E

[illegible]

S.E. by E

S.E. by E

[illegible]

S.E. by E

[illegible]

S.E. by E

S.E. by E

[illegible]

S.E. by E

[illegible]

S.E. by E

[illegible]

S.E. by E

[illegible]

S.E. by E

[illegible]

S.E. by E

[illegible]

S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

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S.E. by E

[illegible]

S.E. by E

[illegible]

JOURNAL in the

Ship Henry Allen

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
March.									
18 24	1514	131	9 50	9 50	21 32	21 23			
" 25	1534	120	10 50		21 35	20 51			
" 25	1534	112	12 01	12 01	21 11	22 14			
" 26	1524	120	12 52	12 52	20 52	23 03			
" 28	150	110	13 12	13 12	20 27	22 55			
" 29	1448	04	17 43	17 43	20 13	32 34	12 01	32 34	12 01
" 30	138	09	18 02	18 02	20 22	31 30			
" 31	1400	11	18 13	18 13	20 37	31 03			
April									
1	1510	12	18 55	18 55	20 10	31 10			
" 2	1464	58	21 55	21 51	20 25	31 08			
" 3	1414	51	22 49	22 09	20 22	33 23			

Canoe Master, from Ascension towards Cape de Verde.

Winds.	Weather, Currents, Bearings of the Land, and Remarkable Occurrences.
10 E	much to be done today. Weather very cloudy.
4 E 10 E	Steady trade winds & cloudy weather throughout. In the last 24 hrs.
10 E	Current from trade strong. Birds moderate & pleasant.
10 E	In the day birds strong. Birds moderate.
10 E	Current with fair breeze. Moderate weather. Birds moderate & pleasant.
10 E 10 E 10 E	Birds moderate & pleasant. Birds moderate & pleasant. Birds moderate & pleasant.
10 E 10 E 10 E	Current with light breeze. Moderate weather. Birds moderate & pleasant.
10 E 10 E	Current with light breeze. Moderate weather. Birds moderate & pleasant.
10 E 10 E	Current with light breeze. Moderate weather. Birds moderate & pleasant.
10 E 10 E	Current with light breeze. Moderate weather. Birds moderate & pleasant.
10 E 10 E 10 E	Current with light breeze. Moderate weather. Birds moderate & pleasant.

JOURNAL, in the *Bridgman's Ship*

Date.	Courses.	Dist.	Latitude.		Longitude.		Variation.		
			Acc.	Obs.	Acc.	Obs.	Lat.	Long.	Varia.
17	134	68	29.55	29.55	21.10	21.10			
"	134	10	29.40	29.40	21.18	21.11			
"	134	56	29.35	—	21.00	21.53			
"	134	118	29.33	29.33	21.11	21.01			
"	134	93	29.45	29.45	21.10	21.16			
"	134	200	31.03	31.03	21.03	21.11			
"	134	55	32.11	32.11	21.10	21.20			
"	134	20	32.35	32.35	21.23	21.03			
"	134	10	32.11	32.11	21.25	21.23			
"	134	102	31.21	31.21	21.27	21.29			
"	134	182	31.21	31.21	21.31	21.31			

Hanna

Master, from

Cape de Verde

towards

Cape Verde

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

S.W.
S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.
WestLight breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.
S.W.Light breeze from the S.W. - clear
and the same.S.W.
S.W.Light breeze from the S.W. - clear
and the same.

JOURNAL, in the 'Big Moccasin'

[illegible]

Hannu Master, from Cape de Verde towards Cape Sparte.

Winds.

Weather, Currents, Bearings of the Land, and Remarkable Occurrences.

S. W.	Commence fine breezes & squally.
West	Mid. & latter part wind inclining to the N. W. with pleasant weather.
N. W.	
N. W.	Commence with fine breezes pleasant weather.
West	Ends squally with rain.
West	So is S. & Mid. part. Gentle breezes pleasant.
N. W.	wind inclining Northerly.
N. E.	Ends moderate pleasant.
North.	Light breezes from the N. or N. W. are pleasant at 4 pm. Made Cape Sparte bearing S. E. by E. by Compass. Dist. 30 miles.
	Ends pleasant at noon abreast of Gibraltar Rock.

JOURNAL, in the

[illegible]

